

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-17 (canceled).

Claim 18 (previously presented): An organic EL light emitting device comprising an organic EL light emitting layer and an electrode for applying a voltage to the organic EL light emitting layer, wherein the organic EL light emitting layer includes a hyperbranched polymer layer having hyperbranched macromolecules uniaxially aligned with a degree of alignment of 0.95 or more and emits polarized light.

Claim 19 (previously presented): The organic EL light emitting device of claim 18, wherein the hyperbranched polymer layer includes self-organized disc-shaped hyperbranched macromolecules.

Claim 20 (previously presented): The organic EL light emitting device of claim 18, wherein the hyperbranched polymer layer includes self-organized rod-shaped hyperbranched macromolecules.

Claim 21 (previously presented): The organic EL light emitting device of claim 18, wherein the hyperbranched macromolecules include dendrimers.

Claim 22 (previously presented): The organic EL light emitting device of claim 18, wherein the hyperbranched macromolecules are self-organized by electrostatic interaction.

Claim 23 (previously presented): The organic EL light emitting device of claim 18, wherein the hyperbranched macromolecules are self-organized by hydrogen bonding.

Claim 24 (currently amended): An organic EL light emitting device comprising:
an organic EL light emitting layer and an electrode for applying a voltage to the organic EL light emitting layer; and
a wall structure having a side face roughly perpendicular to a surface of the hyperbranched polymer layer, wherein the hyperbranched macromolecules are aligned roughly in parallel with the side face by interaction with the wall structure; wherein the organic EL light emitting layer includes a hyperbranched polymer layer having hyperbranched macromolecules uniaxially aligned with a degree of alignment of 0.95 or more and emits polarized light.

Claim 25 (previously presented): The organic EL light emitting device of claim 24, wherein the side face of the wall structure is charged, and the hyperbranched macromolecules electrostatically interact with the side face.

Claim 26 (previously presented): The organic EL light emitting device of claim 24, wherein the side face of the wall structure has a hydrogen-bonding property, and the hyperbranched macromolecules hydrogen-bond with the side face.

Claim 27 (previously presented): The organic EL light emitting device of claim 18, wherein the hyperbranched polymer layer includes a first hyperbranched polymer layer functioning as an electron transport layer or a hole transport layer and a second hyperbranched polymer layer functioning as at least a light emitting layer.

Claim 28 (previously presented): A liquid crystal display comprising the organic EL light emitting device of claim 18 and a liquid crystal panel receiving polarized light emitted from the organic EL light emitting device and controlling the transmittance of the

polarized light.

Claim 29 (currently amended): A liquid crystal display comprising:
an organic EL light emitting device comprising an organic EL light emitting layer and an electrode for applying a voltage to the organic EL light emitting layer; and
a liquid crystal panel receiving polarized light emitted from the organic EL light emitting device and controlling the transmittance of the polarized light; wherein
the organic EL light emitting layer includes a hyperbranched polymer layer having hyperbranched macromolecules uniaxially aligned with a degree of alignment of 0.95 or more and emits polarized light;
the organic EL light emitting device includes a wall structure having a side face roughly perpendicular to a surface of the hyperbranched polymer layer, the hyperbranched macromolecules being aligned roughly in parallel with the side face by interaction with the wall structure;
the liquid crystal panel has a plurality of pixels and a black matrix shading spaces between the plurality of pixels; and
the wall structure of the organic EL light emitting device is formed to correspond to the black matrix of the liquid crystal panel.

Claim 30 (previously presented): A method for fabricating an organic EL light emitting device having an organic EL light emitting layer and an electrode for applying a voltage to the organic EL light emitting layer, the organic EL light emitting device emitting polarized light, the method comprising the steps of:
(a) preparing a substrate having an electrode formed on its principal plane;
(b) forming a wall structure on the principal plane, the wall structure having a side face roughly perpendicular to the principal plane; and
(c) providing a material including hyperbranched macromolecules on the principal plane to form the organic EL light emitting layer including a hyperbranched polymer layer having the hyperbranched macromolecules aligned roughly in parallel with the side face.

Claim 31 (previously presented): The method of claim 30, wherein the step (b) comprises the step of charging the side face, and the hyperbranched macromolecules are aligned roughly in parallel with the side face by electrostatic interaction with the side face.

Claim 32 (previously presented): The method of claim 31, further comprising the step of providing a material including other hyperbranched macromolecules electrostatically interacting with the previous hyperbranched macromolecules.

Claim 33 (previously presented): The method of claim 30, wherein the step (b) comprises the step of imparting a hydrogen-bonding property to the side wall, and the hyperbranched macromolecules are aligned roughly in parallel with the side wall by hydrogen bonding with the side face.

Claim 34 (previously presented): The method of claim 33, further comprising the step of providing a material including other hyperbranched macromolecules hydrogen-bonding with the previous hyperbranched macromolecules.

Claim 35 (previously presented): An organic EL light emitting device comprising an organic EL light emitting layer and an electrode for applying a voltage to the organic EL light emitting layer; wherein

the organic EL light emitting layer includes a hyperbranched polymer layer having uniaxially aligned hyperbranched macromolecules and emits polarized light;

the organic EL light emitting device further includes a wall structure having a side face roughly perpendicular to a surface of the hyperbranched polymer layer; and

the hyperbranched macromolecules are aligned roughly in parallel with the side face of the wall structure.

Claim 36 (previously presented): The organic EL light emitting device of claim

35, wherein the hyperbranched polymer layer includes self-organized disc-shaped hyperbranched macromolecules.

Claim 37 (previously presented): The organic EL light emitting device of claim 35, wherein the side face of the wall structure is charged; and
the hyperbranched macromolecules electrostatically interact with the side face.

Claim 38 (previously presented): The organic EL light emitting device of claim 35, wherein the side face of the wall structure has a hydrogen-bonding property; and
the hyperbranched macromolecules hydrogen-bond with the side face.